

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 2 | ((blank empty) near3 page) with detect\$4 with block with pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 13:38 |
| L2 | 4 | "5548664" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 14:37 |
| L3 | 2 | "5548664".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 14:38 |
| L4 | 2 | jp-2000196881-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/04 15:39 |
| S1 | 2 | jp-2001067201-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 14:06 |
| S2 | 2 | jp-2002057901-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 14:09 |
| S3 | 2 | jp-06233062-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 14:11 |

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| S4 | 2 | jp-02096464-\$,did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 14:16 |
| S5 | 1 | 10/805184.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 15:10 |
| S12 | 89 | (controller near2 board) same controller same (arbiter judg\$4 moderator) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 16:28 |
| S13 | 7 | (controller near2 board) same controller same (arbiter judg\$4 moderator) same external | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 16:28 |
| S14 | 0 | 08/786112.app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 16:40 |
| S15 | 18 | ("4546390" "4554960" "4779135" "4899212" "5218432" "5231500" "5387928" "5404883" "5434593" "5444482" "5497193" "5519826" "5587928" "5621429" "5689641" "5751348" "5903315" "5953046").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/08/20 16:43 |
| S16 | 23 | (controller near2 board) same controller same (arbiter judg\$4 moderator) same (external exterior outer outside peripheral) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/20 17:09 |

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| S17 | 1 | ((damage\$1 invalid incorrect) near2 pixel) same (detect\$3 discover\$4 catch\$3 find \$4 identif\$4 notic\$4 reveal\$4 see\$4 spot\$4 uncover\$3 unmask\$3) same (streak near2 image) same (sheet \$1through same feeder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 16:38 |
| S18 | 1 | ((damage\$1 invalid incorrect) near2 pixel) same (detect\$3 discover\$4 catch\$3 find \$4 identif\$4 notic\$4 reveal\$4 see\$4 spot\$4 uncover\$3 unmask\$3) same (streak near2 image) same (feeder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 16:39 |
| S19 | 2 | ((streak near2 image) ((corrupted damag\$3 error invalid) near3 line near3 image)) same (detect\$3 discover\$4 catch\$3 find \$4 identif\$4 notic\$4 reveal\$4 see spot\$4 uncover\$3 unmask\$3) same (sheet\$1through same feeder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 17:26 |
| S20 | 2 | ((streak near2 image) ((error corrupted damage black) near2 fringe) ((corrupted damag\$3 error invalid) near3 line near3 image)) same (detect \$3 discover\$4 catch\$3 find\$4 identif\$4 notic \$4 reveal\$4 see spot\$4 uncover\$3 unmask\$3) same (sheet\$1through same feeder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 17:36 |

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| S21 | 9 | ((streak near2 image) (error corrupted damage black) near2 fringe) ((corrupted damag\$3 error invalid) near3 line near3 image)) same (detect \$3 discover\$4 catch\$3 find\$4 identif\$4 notic \$4 reveal\$4 see spot\$4 uncover\$3 unmask\$3) same (feeder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 17:39 |
| S22 | 147435 | MURAMATSU YOSHIHIRO | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 17:52 |
| S23 | 33 | (MURAMATSU near2 YOSHIHIRO).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 17:52 |
| S24 | 1 | (black near2 fringe) same detection same (warning alarm) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 17:54 |
| S25 | 2 | ((streak near2 image) (black near2 fringe) ((corrupted damag\$3 error invalid) near3 line near3 image)) same (detect\$3 discover\$4 catch\$3 find \$4 identif\$4 notic\$4 reveal\$4 see spot\$4 uncover\$3 unmask) same (sheet\$1through same feeder) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 18:38 |
| S26 | 2 | "6792161".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/27 18:59 |

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|-----|----|---|---|----|----|---------------------|
| S27 | 2 | "6823367".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/28 07:59 |
| S28 | 3 | "394328".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/29 16:46 |
| S29 | 0 | "394328".app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/29 16:46 |
| S30 | 2 | "5727083".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/29 16:46 |
| S31 | 2 | "20030137701".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/24 16:21 |
| S32 | 2 | "20030197794".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/26 15:54 |
| S33 | 29 | ((extension external) with ((external extension control\$4) near3 board) with (arbit\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/26 15:58 |
| S34 | 17 | ((extension external) with ((external extension control\$4) near3 board) with (arbit\$4)) and (print\$4 scan\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/26 16:02 |

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|-----|---|--------------------|---|----|----|---------------------|
| S35 | 2 | "5881333".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/26 16:07 |
| S36 | 0 | "20020075527".app. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/26 17:07 |
| S37 | 2 | "20020075527".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/11/26 17:07 |
| S38 | 2 | "6628430".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 13:20 |
| S39 | 2 | "7092130".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 13:36 |
| S40 | 2 | "6278513".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 16:17 |
| S41 | 2 | "6278526".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/02 17:19 |
| S42 | 3 | "7312898".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 08:51 |

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|-----|-------|--|---|----|----|---------------------|
| S43 | 1820 | ((blank empty) near5 (page paper) same detect\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:53 |
| S44 | 55520 | ((page paper) with block) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:53 |
| S45 | 228 | S43 and S44 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:53 |
| S46 | 2 | ((blank empty) near5 (page paper) same detect\$3) with (divid\$4 near5 block) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:54 |
| S47 | 38 | ((blank empty) near5 (page paper) same detect\$3) with (block) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:54 |
| S48 | 1 | ((blank empty) near5 (page paper) same detect\$3) with (block) and ((invalid innacurate abnormal) same pixel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:56 |
| S49 | 1 | ((blank empty) near5 (page paper) same detect\$3) with (block) with ((invalid innacurate abnormal) same pixel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:56 |
| S50 | 38 | ((blank empty) near5 (page paper) same detect\$3) with (block) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 14:56 |

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|-----|---------|--|---|----|----|---------------------|
| S51 | 1300808 | predict\$4 q? | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 15:06 |
| S52 | 396 | (detect\$4 find\$4 encount\$3) same ((invalid abnormal inaccurate) near3 pixel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 15:07 |
| S53 | 24 | (detect\$4 find\$4 encount\$3) same ((invalid abnormal inaccurate) near3 pixel) same (width) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 15:08 |
| S54 | 16 | (detect\$4 find\$4 encount\$3) same ((invalid abnormal inaccurate) near3 pixel) same (width and number) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 15:08 |
| S55 | 2 | "6792161".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 16:32 |
| S56 | 103 | detect\$4 same total same ((invalid damage abnormal error\$3 inaccurate) near5 pixel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:25 |
| S57 | 7 | (detect\$4 same total same ((invalid damage abnormal error\$3 inaccurate) near5 pixel) same block) and (calculat\$4 same sum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:26 |
| S58 | 2 | jp-2000196881-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:28 |

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| S59 | 15 | (detect\$4 same total same ((invalid damage abnormal error\$3 inaccurate) near5 pixel) same block) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:30 |
| S60 | 114 | block with ((invalid abnormal inaccurate) near3 pixel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:33 |
| S61 | 2 | block with ((invalid abnormal inaccurate) near3 pixel) with sum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:34 |
| S62 | 65 | block with ((invalid abnormal inaccurate) near3 pixel) and sum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:35 |
| S63 | 12 | (detect\$4 same ((invalid abnormal) same pixel)) and (((invalid abnormal) same pixel) same block) and (((invalid abnormal) same pixel) same sum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 18:52 |
| S64 | 0 | (detect\$4 same ((invalid abnormal) near2 pixel)) and (((invalid abnormal) near2 pixel) same (pluarl\$4 near2 block)) and (((invalid abnormal) near2 pixel) same sum) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:08 |
| S65 | 0 | (detect\$4 same ((invalid abnormal) near2 pixel)) and (((invalid abnormal) near2 pixel) same (pluarl\$4 near2 block)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:08 |
| S66 | 312 | (detect\$4 same ((invalid abnormal) near2 pixel)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:08 |

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| S67 | 2 | (plural\$4 near3 block) with(detect\$4 same ((invalid abnormal) near2 pixel)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:08 |
| S68 | 2 | (plural\$4 near3 block) with(detect\$4 same ((invalid abnormal) near2 pixel)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:09 |
| S69 | 2 | (plural\$4 near3 block) same (detect\$4 same ((invalid abnormal) near2 pixel)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:10 |
| S70 | 20 | (plural\$4 near3 block) and (detect\$4 same ((invalid abnormal) near2 pixel)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:10 |
| S71 | 2 | "6211967".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:34 |
| S72 | 2 | "20010050778".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:36 |
| S73 | 2 | "20020036643".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:37 |
| S74 | 2 | "20020126313".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:37 |

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| S75 | 2 | "20030090742".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:38 |
| S76 | 2 | jp-11112800-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 19:39 |
| S77 | 497 | ((invalid abnormal) with detect\$3 with pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:37 |
| S78 | 247 | ((invalid abnormal) near2 pixel) with detect \$3 with pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:37 |
| S79 | 247 | ((invalid abnormal) near2 pixel) with detect \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:37 |
| S80 | 7 | ((invalid abnormal) near2 pixel) with detect \$3 with repeat\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:37 |
| S81 | 247 | ((invalid abnormal) near2 pixel) with detect \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:43 |
| S82 | 0 | ((invalid abnormal) near2 pixel) with detect \$3 with predict | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:45 |

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| S83 | 0 | ((invalid abnormal) near2 pixel) with predict | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:45 |
| S84 | 0 | predict\$4 with (strek near3 image) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:49 |
| S85 | 13 | predict\$4 with (strek near3 image) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:49 |
| S86 | 1 | predict\$4 with (strek near3 image) and ((invalid abnormal) near5 pixel) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:49 |
| S87 | 11 | invalid with pixel\$1 with predict\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:57 |

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